

Part number

CXM 6/12



Male insert, CX series, crimp connection, 6 + 12 poles + PE, 40 A 690 V 8 kV 3 / 10 A 230/400 V 4 kV 3, size "77.27"

Product description		Material properties	
Product type	Insert	Main material	Polycarbonate (PC)
Series	CX	Colour	RAL 7032 grey
Connection type	Crimp connection	RoHs conformity	Compliant
Gender	Male	China RoHs - EFUP	E
N. of poles	6 poles + 	REACH SVHC substances	No
Auxiliary poles	12D	Approvals / Standards	
Size	Size 77.27	Reference standard	EN 61984:2009-06
Technical data		Certifications	DNV, BV, EAC
Current	40 A	UL	ECBT2
Voltage	690 V	cUL	ECBT8
Rated impulse withstand voltage	8 kV	General ordering information	
Pollution degree	3	EAN13 code	8015747225083
Rated voltage according to UL/CSA	600 V	eCl@ss 8.1	27440205
IP degree of protection	IP20 without enclosure, IP65/IP66/IP68/IP69 with enclosure	ETIM 7.0	EC000438
Further technical details		Packaging Information	
Characteristics according to EN 61984	40A 690V 8kV 3; 10A 230/400V 4kV 3	Packaging length	245,00 mm
Mating cycles	≥ 500	Packaging height	165,00 mm
Insulation resistance	≥ 10 GΩ	Packaging width	215,00 mm
Contact resistance	≤ 0,3 mΩ (6 poles); ≤ 1 mΩ (12 poles)	Packaging weight	2,23 kg
Weight	64,33 g	Packaging volume	8,69 dm ³
Operating temperature range (min, max)	-40 °C ... +125 °C	Packaging description	Carton box
UL 94 flammability rating	V-0	Packaging quantity	30 Pcs
		Packaging EAN code	8015747225113
		Sub-packaging length	87,00 mm
		Sub-packaging height	36,00 mm
		Sub-packaging width	180,00 mm
		Sub-packaging weight	0,37 kg
		Sub-packaging volume	0,56 dm ³
		Sub-packaging description	Carton tray
		Sub-packaging quantity	5 Pcs
		Sub-packaging EAN barcode	8015747225120

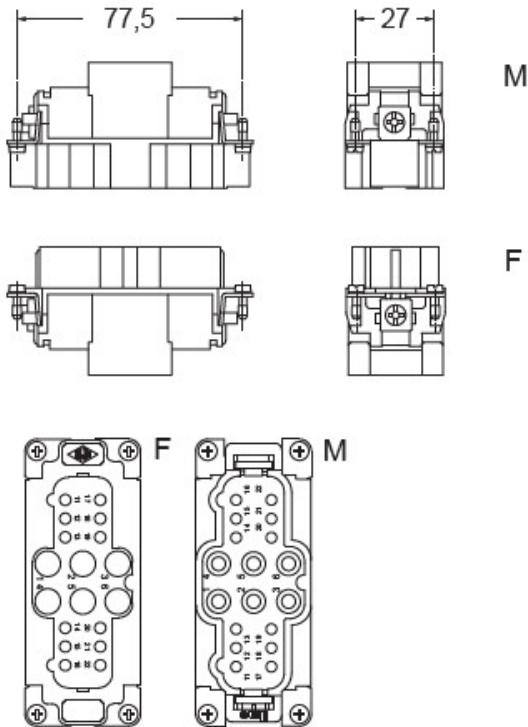
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Catalogue drawings

Derating curves



CX 6/12 power poles connector inserts
Maximum current load derating diagram

